



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 5353**
Takahiko SAKAMOTO et al. : Docket No. 2003_1400A
Serial No. 10/674,539 : Group Art Unit 2829
Filed October 1, 2003 : Examiner Dana Farahani
LIGHT-EMITTING DIODE

RESPONSE TO DRAWING OBJECTION

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the drawing objections set forth in the Office Action of September 8, 2005, Applicants assert that the features recited in claims 17 and 18 are adequately illustrated in Fig. 11.

In particular, with respect to claim 17, a cross-sectional view of the thinning trapezoid shaped bumps is shown in Fig. 11. The bumps are indicated by reference numeral 11. Note, the description of Fig. 11, on page 32, lines 11-13, states:

"Fig. 11 shows the relationship of the positions between the laminated-layer construction of semiconductor in a first area and the bumps 11 positioned in a second area different from the first area."

Further, with respect to claim 18, the top layer of the plurality of bumps and dips positioned as high as the p-type contact layer (8) is shown in Fig. 11. Note, lines 12-15 of page 34 state:


"As shown in Fig. 11, the top of the bumps provided in the second area is positioned in the p-type contact layer side from the active layer in a cross-sectional view of the LED. In addition, it is preferable that the top is positioned at virtually as high as the p-type contact layer."

In view of the above, it is submitted that the subject matter of claims 17 and 18 is adequately shown in the drawings. The Examiner therefore is requested to withdraw the drawing objection and pass this case to issue.

In the event that the Examiner has any comments or questions regarding the above, then the Examiner is requested to contact Applicant's undersigned attorney by telephone to promptly resolve any remaining matters.

Respectfully submitted,

Takahiko SAKAMOTO et al.

By: 

Michael S. Huppert
Registration No. 40,268
Attorney for Applicants

MSH/kjf
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
October 31, 2005



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ATTY DOCKET #: 2003_1400A

Due Date: N/A

Confirmation No. 5353

OUR REF: 2003_1400A/MSH/00290

Applicant: Takahiko SAKAMOTO et al.

Serial No.: 10/674,539

Filing Date: October 1, 2003

Title: LIGHT-EMITTING DIODE

Receipt of the following papers is acknowledged:

Response to Drawing Objection

Date: October 31, 2005

Attorney: MSH/kjf

[Check No.]

